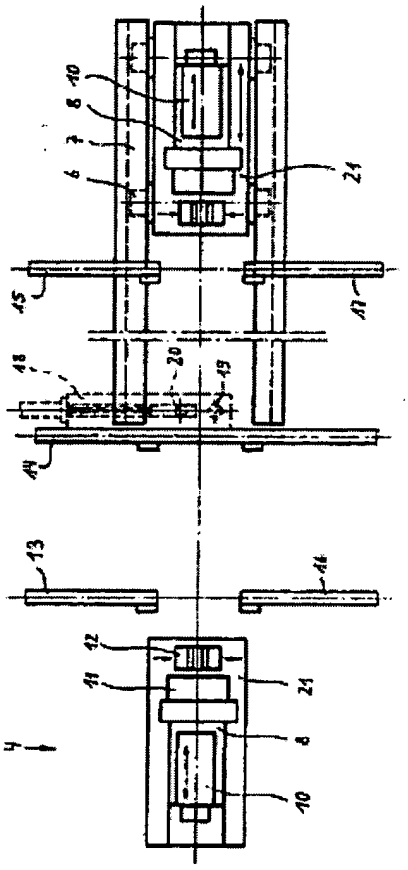
Chamfering system for chamfering the axial ends of rod-like material

Patent number:	DE3504713
Publication date:	1986-08-14
Inventor:	LINDEMANN HANS (DE); LINDEMANN WOLFGANG DIPL PHYS D (DE)
Applicant:	LINDEMANN WOLFGANG (DE)
Classification:	
- international:	B23B5/16
- european:	B23B5/16B2, B23Q7/04F
Application number:	DE19853504713 19850212
Priority number(s):	DE19853504713 19850212

Abstract of **DE3504713**

A chamfering system (1) with at least one chamfering machine (4, 5) for chamfering the axial ends (2) of rod-like material (3), such as shafts, wire, tubes or the like, especially such material (3) which is subsequently to be further processed in rough-turning machines is described, in which the chamfering machine (4, 5) has a tool head (33) which rotates about the axis (3') of the material and has at least one chamfering tool (34). In order to reduce the cycle time of such a system (1) it is proposed to construct this system in such a way that a gripping apparatus (12) for the rod-like material (3) be assigned to the chamfering machine (4, 5), not just to feed the material (3) to the chamfering machine (4, 5), but also to hold the material (3) in an axial and non-rotating manner during chamfering, and that a guide (11) be arranged immediately adjacent to the chamfering cutters, the distance between the said guide (11) and the chamfering cutters (34) remaining constant even during chamfering and the said guide holding the material (3) in a radial fashion in relation to the axis of rotation (3') of the chamfering spindle (9).



Data supplied from the ***esp@cenet*** database - Worldwide